

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** ( Not for submission under 37 CFR 1.99)

Application Number	10786443
Filing Date	2004-02-25
First Named Inventor	Wade Cathey, et al.
Art Unit	2624
Examiner Name	<del>Tung Yin-Tee</del> Yam
Attorney Docket Number	414576

## **U.S. PATENTS** Remove

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

## **U.S. PATENT APPLICATION PUBLICATIONS** Remove

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

Add

## **FOREIGN PATENT DOCUMENTS** Remove

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button.

Add

## **NON-PATENT LITERATURE DOCUMENTS** Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10786443
Filing Date		2004-02-25
First Named Inventor	Wade Cathey, et al.	
Art Unit	2624	
Examiner Name	Tsung Yin Tsai	
Attorney Docket Number	414576	

1	M. Mino, Y. Okano, "Improvement in the Optical Transfer Function of a Defocused Optical System Through the Use of Shaded Apertures," Applied Optics Vol.10, pp. 2219-2225 (1997)	<input type="checkbox"/>
2	J. Ojeda-Castaneda, P. Andres, A. Diaz, "Annular Apodizers for Low Sensitivity to Defocus and to Spherical Aberration," Optical Letters Vol. 11, pp. 487-489 (1986)	<input type="checkbox"/>
3	J. Ojeda-Castaneda, E. Tepichin, A. Noyola-Isgleas, "High Focal Depth by Apodization and Digital Restoration," Applied Optics Vol. 27, pp. 2583-2586 (1988)	<input type="checkbox"/>
4	J. Ojeda-Castaneda, E. Tepichin, A. Diaz, "Arbitrarily High Focal Depth with a Quasioptimum Real and Positive Transmittance Apodizer," Applied Optics Vol. 28, pp. 2666-2670 (1990)	<input type="checkbox"/>
5	J. Ojeda-Castaneda, L. R. Berriel-Valdos, "Zone Plate for Arbitrarily High Focal Depth," Applied Optics Vol. 29, pp. 994-997 (1972)	<input type="checkbox"/>
6	Edward R. Dowski, Jr., W. Thomas Cathey, "Extended Depth of Field Through Wave-front Coding," Applied Optics Vol. 34, No. 11, pp. 1859-1866 (1995)	<input type="checkbox"/>
7	Kodak Technical Data, "Kodak Professional T-Max Films", <a href="http://www.kodak.com/global/en/professional/support/techPubs/f4016/f4016.pdf?jsessionid=145M2SXDAJGWRQHIO3JXWJL">http://www.kodak.com/global/en/professional/support/techPubs/f4016/f4016.pdf?jsessionid=145M2SXDAJGWRQHIO3JXWJL</a> , pp. 26	<input type="checkbox"/>
8	Adam Douglas Greengard, "Extended Depth Of Field With A Nonlinear Silver Halide Emulsion Detector" Thesis University of Colorado Department of Electrical Engineering, Thesis defended March 2003, catalogued and available in University of Colorado library February 2005.	<input type="checkbox"/>
9	Sara Bradburn, Wade Thomas Cathey, Edward R. Dowski, Jr., "Realizations of focus invariance in optical-digital systems with wave-front coding," Applied Optics Vol. 36, No. 35, pp. 9165-9166 (1997)	<input type="checkbox"/>
10	The Editors of Time-Life Books, Light and Film, (Time-Life Books, New York, 1970) pp. 122-130	<input type="checkbox"/>
11	W. T. Cathey, Optical Information Processing and Holography, (John Wiley & Sons, Inc., New York, 1974) pp. 126	<input type="checkbox"/>

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SY/

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10786443
Filing Date	2004-02-25
First Named Inventor	Wade Cathey, et al.
Art Unit	2624
Examiner Name	Tsung Yin Tsai
Attorney Docket Number	414576

12	Bahaa E. A. Saleh and Malvin Carl Teich, Fundamentals of Photonics, (John Wiley & Sons, Inc., New York, 1991) pp. 111-112	<input type="checkbox"/>
13	Albert Rose, Vision: Human and Electronic, (Plenum Press, New York, 1973) pp. 85-87	<input type="checkbox"/>
14	H. M. Nussenzveig, Introduction to Quantum Optics, (Gordon & Branch Science Publishers, New York, 1973), p.75-76	<input type="checkbox"/>
15	Albert Rose, Vision: Human and Electronic, (Plenum Press, New York, 1973) pp. 3-12	<input type="checkbox"/>
16	Joseph W. Goodman, Introduction to Fourier Optics, (McGraw-Hill Publishing, New York, 1988) pp. 90-96 and 106-110	<input type="checkbox"/>
17	Robert A. Gabel, Richard A. Roberts, Signals and Linear Systems, (John Wiley & Sons, New York, 1973) pp. 278-279	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature	/Stephen Yam/	Date Considered	11/17/2008
--------------------	---------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.